

### ABSTRACT

A method for producing a holographic stereogram, comprising the steps of:

(i) computing image information data for producing the holographic stereogram based on a plurality of image data provided by a digital camera;

(ii) recording the image information data on a silver halide photographic material,

(iii) developing the recorded silver halide photographic material at a temperature of between 43 and 180 °C; and

(iv) superimposing the developed silver halide photographic material with a processing member in the presence of an aqueous solvent; and

(v) separating the processing member superimposed on a surface of the developed silver halide photographic material to obtain the holographic stereogram,

wherein the silver halide photographic material comprises a support having thereon:

(a) a hydrophilic colloid layer; and

(b) a silver halide emulsion layer containing silver halide grains having an average particle diameter of 5 to 50 nm.